

North Carolina Drinking Water State Revolving Fund Funding List

Round Two

July 16, 2009

| County | Community | Project Description | Recovery Amount |
|-----------|----------------------------------|---|-----------------|
| Halifax | Littleton, Town of | 8" waterline connection with Warren County to address TTHM violation (Category 2); and water meters replacement with AMR (Category 4) see project DEH-1602. | \$214,169 |
| Duplin | Warsaw, Town of | Retrofit unused existing well with iron removal system to allow to reduce current pumping rates from other Town wells in compliance with maximum 12 hr/day rule. | \$1,650,000 |
| Wayne | Fork Township Sanitary District | 10,000 feet of raw-water transmission mains and wellhead improvements to connect four new wells to the District's WTP needed to address mandatory CCPCUA aquifer withdrawal reductions. | \$902,000 |
| Wayne | Eastern Wayne Sanitary District | Pumps and wellheads for two existing shallow-aquifer wells for additional source needed to address CCPCUA mandatory withdrawal reductions. Third well and 10,500 ft of 12" raw-water main to connect this well to the WTP removed from scope 5/26/09. | \$480,000 |
| Onslow | Jacksonville, City of | Four new non-Cretaceous aquifer wells, raw-water transmission mains, retrofit of pump station and SCADA system to address CCPCUA mandatory withdrawal reductions. | \$3,000,000 |
| Onslow | Onslow Water & Sewer Authority | Two new supply wells to address CCPCUA mandatory withdrawal reductions. | \$451,000 |
| Onslow | Onslow Water & Sewer Authority | Installation of approximately 9,000 ft of raw-water transmission main to connect two new wells to the Dixon WTP. Project needed (in conjunction with DEH-1416) to address CCPCUA mandatory withdrawal reductions. | \$778,950 |
| Wilkes | Ronda, Town of | Ronda-Elkin Interconnection; replace-in-kind 1-inch & 2-inch galvanized iron pipe W/L with 2-inch PVC | \$1,493,484 |
| Sampson | Garland, Town of | Solar powered mixers for water tanks to improve water quality. | \$34,119 |
| Stanly | Stanly, County of | Solar-powered mixers for five (5) tanks to improve water quality. | \$270,946 |
| Randolph | Franklinville, Town of | Solar-powered mixing system for Clark St. tank to improve water quality. | \$30,450 |
| Moore | Robbins Water System | Solar-powered mixers for potable water storage and raw water reservoir to reduce blue/green algae growth to improve water quality. | \$280,649 |
| Greene | Snow Hill, Town of | Solar-powered mixers in two ESTs to improve water quality. | \$91,248 |
| Randolph | Ramseur, Town of | Solar-powered circulators to improve water quality. | \$327,305 |
| Carteret | Newport, Town of | Solar-powered mixer in EST to improve water quality. | \$29,500 |
| Gaston | Bessemer City, City of | Solar-powered mixer for tank and reservoir to improve water quality. | \$96,500 |
| Pender | Surf City, Town of | Solar-powered mixers for two potable water tanks to improve water quality. This project incorporates the scope of DEH-1191. | \$123,596 |
| Wilkes | Mulberry-Fairplains Water Assoc. | Solar-powered mixers for three (3) tanks to improve water quality. | \$167,046 |
| Granville | South Granville W&S Authority | Solar powered mixers in (5) EST's to improve water quality. | \$235,565 |
| Alamance | Graham, City of | Two (2) solar-powered mixers to improve water quality. | \$301,550 |
| Halifax | Roanoke Rapids Sanitary District | Solar mixers for tanks to improve water quality. | \$218,325 |
| Davidson | Thomasville, Town of | Three (3) solar-powered mixers in water-storage tanks to improve water quality | \$211,103 |
| Alamance | Burlington, City of | Solar-powered mixers for three tanks to improve water quality | \$101,400 |
| Nash | Rocky Mount, City of | Lime Slurry Feed System at two WTP facilities to improve water quality, safety, and reduce operating cost. | \$448,800 |
| Pitt | Greenville Utilities Commission | Solar-powered mixing system in potable water tank for improved water quality. | \$57,848 |

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| Pitt | Greenville Utilities Commission | New additional intake and modifications to existing intake and pumping station. | \$2,942,152 |
| Buncombe | Asheville, City of | Replacement of High Service Pumps at three (3) WTP: North Fork, Black Mountain, and Mills River. | \$510,000 |
| New Hanover | Cape Fear Public Utility Authority | Three ASR wells for additional supply during periods of peak or emergency demand. | \$3,000,000 |
| Wake | Cary, Town of | 0.6 MG Mixed Residual Basin, (2) Clarifier Thickeners, Pump Station, (3) Thickened Solids Waste Pumps (3) Recycle Pumps and a Polymer Feed System, (2) New Finished Water Pumps (1,000 Hp and 450 Hp). | \$3,000,000 |
| Anson | Anson County | Construction of an emergency raw water intake, 3,116 LF of 36" HDPE raw water intake pipe, an emergency raw water pump station, installation of approx. 1,800 LF of 42" water main from the proposed pump station to the existing pump station, and 1,250 LF of 30" water main from existing pump station to the WTP. | \$2,438,190 |

Acronyms and Abbreviations

| | | | | | |
|---------------|---|-------------|--|----------------|--|
| AMR | Automatic Meter Reading | HAA | Haloacetic Acid | Pop | Population |
| ASR | Aquifer Storage and Recovery | HDPE | High Density Poly Ethylene | SCADA | Supervisory Control and Data Acquisition |
| BPS | Booster Pump Station | Hp | Horsepower | TTHM | Total Trihalomethanes |
| Cat | Category | Hwy | Highway | W/L | Water Line(s) |
| CCPCUA | Central Coastal Plain Capacity Use Area | IDSE | Initial Distribution System Evaluation | WTP | Water Treatment Plant |
| D/DBP | Disinfection and Disinfection By-products | LF | Linear Feet | W&S | Water and Sewer |
| DEH | Division of Environmental Health | MCL | Maximum Contaminant Level | W/S | Water System |
| EST | Elevated Storage Tank | MG | Million Gallons | W/W | Wastewater |
| ext. | Extension | MGD | Million Gallons per Day | PVC | Poly Vinyl Chloride |